

**SYSTEM AND METHOD FOR DIAGNOSING AND MONITORING
RESPIRATORY INSUFFICIENCY FOR AUTOMATED
REMOTE PATIENT CARE**

Abstract

5 A system for diagnosing and monitoring respiratory insufficiency for
automated remote patient care is presented. A database stores monitoring sets
containing recorded measures relating to patient information recorded on a
substantially continuous basis. A server retrieving and processing the monitoring
sets includes a comparison module determining a patient status change by
10 comparing at least one recorded measure from each of the monitoring sets to at
least one other recorded measure with both recorded measures relating to a same
type of patient information; and an analysis module testing each patient status
change against an indicator threshold corresponding to the same type of patient
information as the recorded measures which were compared, the indicator
15 threshold corresponding to a quantifiable physiological measure of a
pathophysiology indicative of respiratory insufficiency.